M. A. R. 57 (Rule 116)
Measurement Book

No. B 35785

Sheet No. 1st and final Bill

Name of Work Package NO:01 (Package consists of 3 works of ward NO.9 From ..... To .....

Name of Contractor of nature of Agency ..... Sri. Ashwath narayana Jalahalli village-12

Date of commencement of work ..... D.O.R: 21/06/21

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Est cost Rs: 2.00.00 lakhs.						
	JOB code NO: 009-20-000055, 009-20-000056, 009-20-000						
	Head of A/C: P3698 Special Developmental works in ward NO.						
	work order NO: BBMP/EE/BTP/WO/135/2020-21 Date: 18/11/2						
	Dismantling of existing structure like culverts, bridges, retaining w and other structure comprising of masonry, cement concrete with steel works, including top and scaffolding etc.,						
	Quantity wide EMB P.NO:				= 2.52 cum		
			Rate at Rs:		660/cum	=	1663.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO2) Earthwork excavation by manual means for roads, drains and sm works in ordinary soil excavated surface levelled and side neatly dressed, the disposed earth to be levelled neatly after breaking of clods etc --						
	Quantity vide EMB P.NO:					= 2230.10 cum	
	Rate at Rs: 300/cum						= 669030
	Item NO3) Removing and refixing stone slabs of drains and Pointing in cm (1:3) etc --						
	Quantity vide EMB P.NO:					= 323.51 sqm	
	Rate at Rs: 150/sqm						= 48527.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357855

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Providing and laying plain cement concrete of min 1:3:6 with OPC cem @ 220 kgs with crushed hard and down size graded granite metal coarse aggregates Etc —						
	Quantity vide EMB P.NO:					= 303.07 cum	
	Rate at Rs: 5550/cum					= 16,82,039.00/	
	Providing laying plain/reinforced cement concrete for side Drains using M20 nominal mix concrete with OPC at 350 kgs, with 20mm and down size etc —						
	Quantity vide EMB P.NO:					= 582.00 cum	
	Rate at Rs: 7500/cum					= 43,65,000.00/	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item NO6)	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 250 kgs, with 20mm and down size graded granite metal coarse etc..						
	Quantity vide EMB P.NO					= 12.80 cum	
						Rate at RS: 5842/cum	= 74736.00
Item NO7)	Providing T.M.T. bars Fe 500 steel reinforcement for R.C.C works including straightening, cutting, bending bending placing in position, lapped and/or welding etc.						
	Quantity vide EMB P NO					= 3.5 1/2 tonne	
						Rate at RS: 80000.00/tonne	= 28128.00

M. A. R. 57 (Rule
Measurement Bo

No. B 357856

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	providing and constructing granite size stone masonry in foundation cement mortar 1:6 stone hammered dressed etc--						
	Quantity vide E and B P.No:				= 15.44 cum		
					Rate at Rs: 6000/cum	=	92640.00/-
	Quantity Above 125%				= 51.25 cum		
					Rate at Rs: 5114.37/cum	=	262265.00/-
	Providing and Fixing pre cast covering slab made out of CC 1:2:4 with 10cm thick and finishing cutting etc--						
	Quantity vide E and B P.No				= 90M.S3 Sqm		
					Rate at Rs. 2337/Sqm	=	211586.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No 10	providing and Fixing pre cast covering slab 150mm thick made out of CC 1:2:4 and jelly 20mm down size with steel reinforcement including form works etc.						
	Quantity vide EMB P.No 5418					= 92.52 Sqm	
	Rate at Rs: 2837/Sqm					=	501233.00
Item No 11	providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800mm using M20 concrete reinforced with steel etc						
	Quantity vide EMB P.No					= 74.40m	
	Rate at Rs: 1145/m					=	85188.00

M. A. R. 57 (Rule
Measurement B

No. B 357857

rial No. .....

me of Work ..... From.....

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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Providing and fixing Pre cast solid cement concrete Kerb stones out of CC 1:2:4 with top and bottom width 11cm and 165mm respectively 400mm high and 450mm in length finished with cm 1:3 plastering Quantity vide MB P.NO				= 224/NOS		
	Rate at Rs				= 500/NO'S		= 112500.00/-
	Providing and applying ready mix Priming coat over concrete masonery as besides cement sheet Plastered Etc-- Quantity vide E MB P.NO				= 423.325mm)		
	Rate at Rs 39/sqm						= 15729.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item NO 14)	Painting two coats after filling the surface with synthetic enamel Pain in approved shades on new plastered etc-						
	Quantity vide EMB P.NO				= 403.32 Sqm		
	Rate at Rs: 84/Sqm					= 33879.[illegible]	
item NO 15)	Excavation for road work in all types of Soil by mechanical means including cutting and loading to tippers, trimming bottom and sides slopes Etc-						
	Quantity vide EMB P.NO				= 336.92 cum		
	Rate at Rs: 56.00/cum					= 18868.00	

M. A. R. 57 (Rule
Measurement B

No. B 357858

Serial No. .....

Name of Work ..... From .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	a) Scarifying bituminous course 50mm to 75mm thick along with Pre-mix carpet/Surface dressing by road roller attached etc --						
	Quantity vide EMB P.NO				= 1192.50sqm		
	Rate as Rs: 4/sqm					= 4850.00/-	
	b) Construction of granular sub-base Gradation-V as sub-base and Drainage layer by providing coarse graded crushed etc-						
	Quantity vide EMB P.NO				= 30.60 cum		
	Rate as Rs: 1994/cum					= 61016.00/-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Referen to las Measurer
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18)	Compaction of original ground by mechanical means incuar Filling in depression occuring during roling etc.						
	Quantity vide EMB P.NO					= 1192 Sqm	
	Rate at Rs: 7/Sqm					=	8344.00
19)	Providing, laying, spreading and compacting crushed stone aggregates of granite/trap/basalt etc —						
	Quantity vide EMB P.NO					= 421.15 cum	
	Rate at Rs: 200/cum					=	8427 8.0
20)	Providing and applying Prime coat with SS bitumen emulsion in prepared etc —					= 2476.38 Sqm	
	Quantity vide EMB P.NO						
	Rate at Rs: 28/Sqm					=	6939 H.0

M. A. R. 57 (Rule
Measurement B

No. B

357859

Item No. .....

Name of Work ..... From.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2.0	Cleaning the existing black topped surface with brooms soft brushes and finally dusting with old Gunny bags etc— Quantity vide EMB P.No Rate at Rs: 5.00/Sqm				=	6935.98 Sqm = 34695.00	
2.2	Providing and Applying tack coat using 80/100 graded bitumen Cvg no) on the Prepared black topped surface etc— Quantity vide EMB P.No Rate at Rs: 12/Sqm				=	6938.98 Sqm = 83268.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremen
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
23)	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading premixed with VG 30 grade bitumen etc~						
	Quantity vide E M B P.No				= 102.99 cum		
				Rate at Rs: 6597/cum		= 679425.00	
24)	Providing and laying Bituminous concrete (Hand-mix) with hot mix Plant, using crushed aggregates of specified grading etc~						
	Quantity vide E M B P.No				= 305.14 cum		
				Rate at Rs: 8155/cum		= 2488417.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357860

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Road marking with ~~NO~~ Applied Thermoplastic compound with Retroreflective Glass Beads on Bituminous surface/concrete surface. Etc~						
	Quantity vide EMB P.NO					= 246.38 Sqm	
	Rate @ Rs:					=455/Sqm	= 112765.00/-
	cement concrete pavement construction of un-reinforced pav cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregates,						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refer to la Measur
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@0.69cum fine aggregate @0.46cum, coarse and fine etc -						
	Quantity vide EMB P.No		= 46.96cum				
			Rate at Rs: 535/-/cum			=	25142/-
			TOTAL AMOUNT Rs:				1,85,794/-
			GST @ 12%.			=	22295/-
			Grand TOTAL AMT Rs:				2,08,089/-
	Certificate						
	1) Certified that the above work done satisfactory						
	2) NO materials issued from Department						

21/06/21

21/06/21

Assistant Executive Engineer
Vidyaranyapura Sub Division

M. A. R. 57 (Rule
Measurement B

No. B

357861

Name of Work ..... From.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Item	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	11th row						
	136.00m		70.00m				
	73.80m		71.00m				
	10th row						
	4th row 120.30m						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Thindlu Road						
	Saplingini LO						
	4th Cross						
	5th Cross						
	3rd Cross						
	89.90m						
	46.20m						
	162.90m						
	28m						
	24.80						
	29.30						
	10.30						
	24.80m						
	70.70m						
	69.60m						
	INDEX						
	RC corum						
	Asphalt Road						
	38						

Assistant Executive Engineer
Vidyaranyapura Sub Division

M. A. R. 57 (Rule
Measurement F

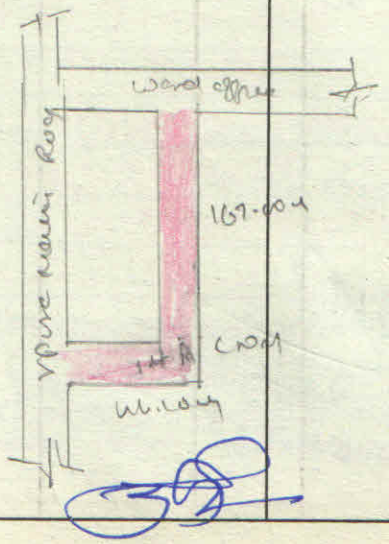
No. B 357862

Serial No. .....

Name of Work ..... From.....

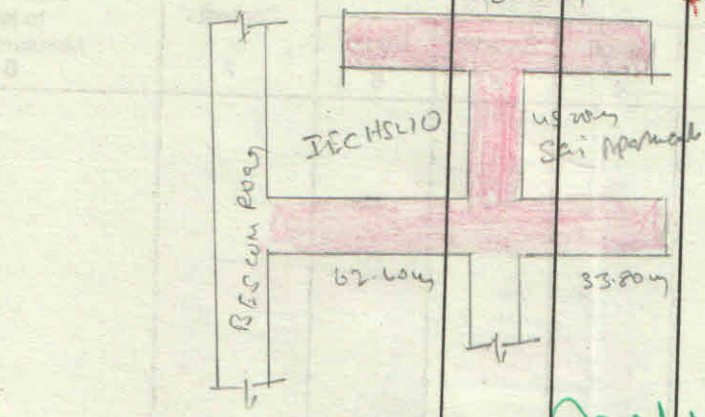
Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
							

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116

Measurement Book

No. B 357863

Reference to last Measurement 8

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Frost & Final bill					EA - 20808600=00	
						IT - 208086=00	
						LC - 208086=00	
						CESS - 20809=00	
						Cess - 185792=00	
						Cess - 185792=00	
						Roads - 2357905=00	
						TD - 1044355=00	
						Chq: 19764245=00	

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-3698 ರಡಿ
ಚಿಲ್ಲು ಮೊಬಲಗು ರೂ. 20808600=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 1044355=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 19764245=00 ಗಳನ್ನು

FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು

ಲೆಕ್ಕಾನೀಕ್ಷಕರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು